

Oil and Gas Pipe Lines in Austria.

Aderklaa - Leopoldau Gas Pipe Line,  $\phi$  200 mm

Hauskirchen - Zistersdorf Gas Pipe Line,  $\phi$  200 mm

Neusiedl - Vienna Gas Pipe Line

Neusiedl - Leopoldau Gas Pipe Line

"Nova" Plant - Lobau Harbor Oil Pipe Line

- . - . - . -

The Aderklaa - Leopoldau Gas Pipe Line.

This gas pipe line starts on the Raasdorf - Deutsch-Wagram road in Aderklaa, at well A-6, and leads to the Leopoldau gas plant via Suessebrunn. A continuation of the pipe, measuring 1,450 m, leads to well A-5, and a junction, with control shaft, leads to well A-4.

The pipe line consists of hot-rolled seamless pipe, made of grade 1 material - "St. 35.29" [sic], with a maximum carbon content of 0.2 per cent, a ten degree welded ball socket (Kugelschweissmuffe), and a wall thickness of 6.35 mm. The pipes are rough on the inside and on the outside they are bitumen-covered, wrapped with wool-felt cardboard, and lined. The 200 mm  $\phi$  controls (Schieber) are made of cast steel and are for "ND 25" [sic]; the "NW 100" [sic] controls are for "ND 100" [sic]; the "NW 50" controls at the outflow points, for water containers and barracks use, are for "ND 10" only. However, the "NW 50" flanges on the junction piece are for "ND 100".

The pipe line has ten low points. High-pressure water containers, of 25 atmospheres, are built into the line at eight points; the other two points are connected to low-pressure containers, of 6 atmospheres, with 50 mm pieces (Stutzen) with controls.

CONFIDENTIAL

Cast "Hamburger Bogen", with a 300 mm radius, were used in the control shafts, while in other places folding curve-pieces made of ball socket pipes were used. Controls and flanges have protruding and recessed parts, in accordance with "DIN 2513" [German standards].

At road and railroad crossings the pipe line was encased in protective pipes, with an inside width of 500 mm and a wall thickness of 11 mm. At the Ostbahn and Nordbahn crossing the pipes have a wall thickness of 8 mm. The protective pipes were filled in with sand and the ends were made into stuffing boxes (Stopfbuechse) and packed with tar-rope. Q dor pipes (Riechrohre) were electro-welded to the protective pipes by the use of 30 x 5 mm zinc-covered strip iron.

The Aderklau - Leopoldau Gas Pipe Line.

50X1-HUM

The pipe line is divided into sections by control shafts.

Their lengths - in accordance with the length of pipe - are as follows:

1)	A-6 - Measuring shaft	2,152.25 m	See pp. 391
2)	Measuring shaft - control shaft Ostbahn	4,378.27 m	" " 377
3)	Control shaft Ostbahn - control shaft Nordbahn	1,129.04 m	" " 255-257
4)	Nordbahn - before gas plant Leopoldau	2,314.81 m	" " 370, 407, and 409
5)	Before gas plant Leopoldau - Water gas plant	433.11 m	
	Control shaft A5 - control shaft junction main line	1,466.29 m	" " 253, 368, and 406
	From this control shaft to the pipe line	1.00 m	

Therefore the total length of the pipe line is 11,874.77 m. The length of the by-pass line at the measuring shaft is not included.

CONFIDENTIAL

Summary by pages:

## Page No.

- 2 Control shaft (Schieber) - unidentified.
- 7 Two control shafts and one observation shaft - near road to Pyrawarth.
- 9 Control and observation shaft - unidentified.
- 13 Two control shafts - near road to Gaenserndorf.
- 17 Control shaft - unidentified.
- 18 Pipe line passing through Zistersdorf.
- 24 Control shaft - near Wagram.
- 27 Pipe line passing Kussling.
- 28 Two control shafts and one observation shaft - unidentified.
- 32 Pipe line passing Markt Hohenrappers.
- 33 Control shaft - unidentified.
- 34 Control shaft - unidentified.
- 35 Control shaft - unidentified.
- 39 Control shaft - unidentified.
- 40 Knee-bend of pipe line at Raasdorf.
- 99 Cover sheet for Neusiedl - Vienna gas pipe line.
- 100 Pumping station - near local railroad station (Ernstbrunn ?) of the  
Mistelbach - Hohenau line.
- 228 Encased pipe at Vienna - S. uessenbrunn road crossing.
- 239 Measuring and control shaft, No. 4, - near Aderklaa.
- 249 The Aderklaa - Leopoldau gas pipe line (see separate sheet).
- 253 Junction to Aderklaa - Leopoldau gas main line.
- 266 Well, No. 6, - near Raasdorf - Deutsch-Wagram road.
- 271 Pipe lines from the "Nova" plant - Lobau harbor.
- 274 Low points of the Neusiedl - Leopoldau gas pipe line.
- 391 Measuring and control shaft 4 - near Aderklaa.
- 392 and 393 Control shaft 3 - along road to Aderklaa.
- 394 Control shaft 2 - near Aderklaa.
- 396 Encased pipe crossing the Raasdorf - Deutsch-Wagram road.
- 400 The Aderklaa - Leopoldau gas pipe line (see separate sheet).

CONFIDENTIAL

CONFIDENTIAL

## Page No.

- 406 Well, No. 5 (Aderklaa - Leopoldau line).
- 419 Well, No. 1, and well, No. 4 (Aderklaa - Leopoldau line).
- 422 Pipe line Lobau harbor - "Nova" plant.
- 427 - 430 List of property owners along the "Nova" - Lobau pipe line.  
Names are given on whose property oil wells are located.
- 276 Relaying of the pipe line from Lobau harbor to the bank of the Danube.  
This oil pipe line consist of steel pipe, Ø 160 mm on the outside.  
This line will be relayed by placing it into a ditch (dug for the line)  
1.20 m deep and 0.80 m wide. After the pipe is laid into it, the ditch  
will be filled in.  
For further details on this matter see pp. 281, 284, 285, 295, 308,  
309, 509, and 510.
- 368 Control shaft 1/A5 and steam boiler - near Aderklaa.
- 369 Encased pipe and knee-bend of pipe line - near Leopoldau.
- 370 Encased pipe line and control shaft 7, along the Nordbahn railroad, -  
near the Leopoldau gas plant.
- 372 Loading ramp at Nordbahn railroad.
- 374 Encased pipe line and control shaft 6 - near Gerasdorf.
- 375 Pipe line crossing Nordbahn railroad.
- 376 Control shaft 5 - near Ostbahn railroad.
- 379 Encased pipe line crossing the Vienna - Suessenbrunn road.

50X1-HUM

- . - . - . -

- 4 -

CONFIDENTIAL

SECRET

*Establishment*  
**Note on the Constitution of the Soviet-Rumanian Navigation Society "Sovrom  
 Transport"**

On 8 May 1945 the Soviet and Rumanian governments signed an agreement in Moscow for economic collaboration. The terms of the agreement specified in general the outlines of for a widespread economic collaboration in all the major branches of industry, namely: the metallurgical industry, mining, forestry, the textile industry; also in inland and ocean shipping and air transportation and in finance.

As a result a Soviet delegation arrived in Bucharest to negotiate an agreement in detail with the Rumanian government regulating the relationship between the two countries in each of these spheres of activity.

On 19 July just passed a Convention was signed in Bucharest concerning inland and maritime shipping, a very comprehensive agreement, inasmuch as it includes not only almost the whole Rumanian merchant marine but also almost all the installations and equipment in the ports of Constanta, Galati, Braila, and Giurgiu and all ~~several~~ shipyards.

To this end a corporation has been formed in Bucharest. The founders were:

**Rumanian:**

- The "N.F.R.", Rumanian river navigation
- The "P.C.A.", directorate of ports and waterways
- The "S.R.D.", Rumanian Danube navigation company.

**Soviet:**

The state navigation company for the shipment of ~~goods~~ goods and passenger traffic on the Black Sea

The "S.D.G.P?", state company for Danube navigation.

The league of "sovfracht" associations.

The duration of the company is unlimited.

The company's purpose includes all operations which may be carried out within the scope of water transportation of passengers and goods: repair and construction of vessels; purchase, sale, leasing and hiring of vessels; also the handling of goods in the ports, storage, customs, expressing, registry, etc.

Salvage operations, refloating vessels, etc.  
 Overland shipments, by motor or draft animals.  
 Loading and unloading operations by lighters  
 Representation of foreign shipping companies.

The company's capital is three billion lei, in 600,000 shares of 5,000 lei each. Half of the shares are held by <sup>the</sup> Soviet organisations and half by the Rumanian organisations.

This proportional division is to be maintained for the entire life of the company. The shares are registered and may not be transferred without the prior authorisation of the Administrative Council.

The capital subscribed may be covered by an agreement, in kind and in legal tender within a period of three years following the date of the company's <sup>establishment</sup> constitution.

The company is administered by:

The General Assembly

The Administrative Council consisting of six members, three Soviet and three Rumanian. The president must be a Rumanian and the Vice-president must be of Soviet nationality.

A Soviet director-general

A Rumanian assistant director-general.

The company can be dissolved only as the result of an agreement between the two governments.

The material supplied by each of the contracting parties, according to the list included in the appendix to the Convention, is as follows:

I. The Soviet group is contributing:

Ten tugs with a total horsepower of 5,200  
 barges

Four motor ~~launches~~ with a total horsepower of 370 and a total capacity of 740 tons

47 dumb barges with a capacity of 47,447 tons

23 tank barges with a capacity of 19,552 tons.

II. The Rumanian group is contributing:

From the "N.F.R.":

~~Eight~~

SECRET

Eight passenger vessels with a total of 2,620 horsepower

Eight vessels with a total of 1,280 horsepower

One fireboat with 100 horsepower

Two motor barges with a total of 470 horsepower and 442 tons capacity

27 barges with a capacity of 17,938 tons

12 tank barges with a capacity of 6,548 tons

Eight flat boats with a capacity of 4,824 tons

From the "P.C.A.":

13 barges with a capacity of 9,413 tons

Two tank barges with a capacity of 1,484 tons

Two cylindrical pontoons with gangways for use as landing stage

Four electric cranes in the port of Constanta

Three Diesel cranes in the port of Galati

One pivoting hand-operated crane, three tons, in the port of Galati

Two floating elevators, 120 tons per hour each

Three electric cranes in the port of Braila.

From the "S.R.D.":

One passenger vessel, 530 horsepower

Five tugs with a total of 735 horsepower

18 barges with a capacity of 17,563 tons

Five tank barges with a capacity of 3,553 tons

Two floating elevators with 48 horsepower

Four flat boats.

The value of the vessels is figured in dollars, according to the 1938 construction costs.

The vessels must be put into good seaworthy condition by each of the contracting parties. In addition, according to Article 9 of the Convention, the Rumanian government will lease to the Sovrom company, for a period of 30 years, the following port installations:

In Constanta:

12 boarding points

SECRET

Six warehouses

One silo with all installations

terminal

The passenger facilities in the maritime ~~sector~~ and 50 percent of the other installations in the maritime ~~sector~~ terminal.

Galati

a. In the old harbor:

12 boarding points

Five warehouses with a total floor space of 8,000 square meters

One silo with all structures and installations

50 percent of the administration building.

b. In the Danube sector:

One quay 700 meters long

Five warehouses with a total ~~mm~~ floor space of 2,500 square meters in the terminal

The passenger facilities ~~sector~~ and 50 percent of the other installations in the terminal.

c. In the harbor reserved for building lumber:

The boarding points located on the west and north sides of the harbor and the downstream extension of the Danube quay, as far as the railroad tracks.

Two warehouses with a total floor space of 8000 square meters.

50 percent of the administration building.

Braila

a. In the harbor:

12 boarding points

Five warehouses

50 percent of the administration building

The petroleum products depot (formerly used for molasses) with storage tanks with a capacity of 3,782 tons and auxiliary installations belonging to it

The "Concordia" petroleum products depot with storage tanks with a capacity of 4,240 tons and auxiliary installations belonging to it (returned 1 September 1945).



SECRET

## b. Danube sector

1 quay 300 meters long

Warehouses with a floor area of 234 square meters

Passenger terminal for river traffic and 50 percent of the remainder of the administration building.

## Giurgiu

1 quay 600 meters long

Warehouse No. 1, with a floor area of 3,000 square meters total

Petroleum depot with storage tanks with a capacity of 2,100 tons

Passenger terminal for river traffic and 50 percent of the remainder of the administration building.

The Rumanian government is obliged to put all port installations into good condition and to assure their maintenance for the duration of the contract.

According to the provisions of Article 9 of the Convention, the Rumanian government will lease to "Sovrom" the following construction and ship repair facilities:

The Turnu-Severin shipyard

The Constanta shipyard

The Galati shipyard (incorporated)

The "Romania" shipyard in Braila (incorporated).

It was agreed that the ship-building yards will be turned over to the operating Soviet-Rumanian Navigation Company in good condition, with all buildings, equipment, and workers. The materials will be considered a part of the capital.

According to Article XI of the Convention, which covers maritime shipping, the Soviet government will furnish the following vessels which will be held by "Sovrom" under a time charter:

The steamer "Dustoo", capacity 5,000 tons

" " "Friedrich Engels", capacity 5,000 tons

" " "Flekhanov", capacity 4,700 tons

" " "Berezina", capacity 3,500 tons.

SECRET

**SECRET**

The Rumanian government will furnish the following vessels, also under time-charter, to the "Sovrom":

The motor ship "Transylvania", capacity 1,100 tons

The steamship "Ardeal", capacity 6,500 tons.

All the vessels mentioned above will be placed at the disposal of "Sovrom" within a period of two weeks from the date they are requested by "Sovrom".

The fee for the lease of the vessels will be fixed subsequently.

According to Article ~~11~~ 12 of the Convention, the Rumanian government will grant "Sovrom" and its stockholders the following considerations:

a. Exemption from all duties, assessments and ~~income~~ registration taxes on the part of the founders

b. An annual subsidy for a period of five years, equivalent to all the commercial and complementary assessments.

50X1-HUM

**SECRET**

SECRET

50X1-HUM

\*\*\*\*\*

Summary of Vessels Furnished by the USSR and by Rumania to "Sovrom Transport"  
According to the Convention Signed 19 July 1945.

## Soviet Share

10 tugs with 5,200 horsepower

4 motor barges with 370 horsepower, 740 tons capacity.

These small motor barges come from the French and Belgian canals. They were brought to the Danube by the Germans during the Second World War. Of these four only the one whose Russian name is "Don" has been identified, at Galati by P.V. [sig] on 9 April 1947. Its original name was "Duc de Daves", No. Mle P. 11. 487 F. But the Soviet authorities have refused to restitute it without an order from Moscow.

47 barges totalling 47,447 tons

23 tank barges totalling 19,552 tons.

## Rumanian Share

Tugs			Passenger Vessels		
Former Owner	Number	Horsepower	Former Owner	Number	Horsepower
N.F.R.	8	2,670	N.F.R.	8	1,280
S.R.D.	5	735	S.R.D.	1	500
Total	13	3,335	Total	9	1,780.
Barges			Tank Barges		
N.F.R.	27	17,938 tons	N.F.R.	12	6,548 tons
P.C.A.	13	9,413 "	P.C.A.	2	1,484 "
S.R.D.	18	17,563 "	S.R.D.	5	3,553 "
Total	58	44,914 tons	Total	19	11,585 tons.
Flat Boats			Floating Elevators		
N.F.R.	8	4,824 tons	S.B.B.	2	48 horsepower
S.R.D.	4	---			
Total	12.				

~~SECRET~~

**Fireboat**

N.F.R.        1        100 horsepower

**Motor Barges**

N.F.R.        2        470 horsepower,  
442 tons.

Bucharest, 26 July 1949.

~~SECRET~~